

Claims

1. Breathing-speaking valve intended to be used as a speaking valve for patients requiring filtration of inspiration air inhaled via tracheostomas and are mounted on a tracheal tube, which breathing-speaking valve includes a valve housing (1) intended to be attached, via its bottom (2), to the tracheal tube and which comprises a check valve in the form of a membrane (10), which check valve opens when the patient inhales and closes when the patient exhales and a filter (7) for filtration of the inspiration air, which filter is located within this membrane (10), characterized in that the filter (10) is laying against a number of ribs (5) located in the bottom (2) of the valve housing (1) and a nipple for connection to an oxygen apparatus for oxygen delivery to the inspiration air and mounted substantially perpendicular to the longitudinal direction of the valve housing (1) by the bottom of the valve housing (1), and said nipple (6) opens into the space (14) defined by the ribs (5) and the bottom (2) of the valve housing (1) and also opens into the filter (7) parallel to the extension of the filter (7), whereby the distribution of the inspiration air and the optional oxygen delivery into the tracheal tube takes place in said space (14) and in the filter (7).
2. Breathing valve according to claim 1, characterized in that an external humidifier is mounted to deliver humidity to the filter (7).
3. Breathing valve according to claim 2, characterized in that the humidifier is connected to the oxygen nipple (6) or to a special nipple on this oxygen nipple (6).
4. Breathing valve according to claim 1, characterized in that the thickness of the filter (7) is between 0,5 and 3,0 mm, preferably 2 mm.
5. Breathing valve according to claim 1, characterized in that hight of the ribs (5) are between 0,5 and 3,0 mm, preferably 1 mm.
6. Breathing valve according to claim 1, characterized in that the nipple (6) for oxygen delivery have a diameter between 1,5 and 5,5 mm.